

| L Number | Hits | Search Text   | DB    | Time stamp       |
|----------|------|---|-------|------------------|
| 19       | 24   | 5689091.URPN.   | USPAT | 2002/10/23 08:57 |
| 20       | 5    | ("4170819"   "4211603"   "5319159"   "5487218"   "5557503").PN.   | USPAT | 2002/10/23 08:59 |
| 33       | 23   | 5600541.URPN.   | USPAT | 2002/10/23 09:00 |
| 34       | 12   | ("4630172"   "4705917"   "4899118"   "5012386"   "5043794"   "5121293"   "5128831"   "5164699"   "5239448"   "5247423"   "5319521"   "5412538").PN.   | USPAT | 2002/10/23 09:00 |
| 35       | 103  | 4630172.URPN.   | USPAT | 2002/10/23 09:02 |
| 38       | 37   | 5646828.URPN.   | USPAT | 2002/10/23 09:04 |
| 39       | 11   | 5963429.URPN.   | USPAT | 2002/10/23 09:05 |
| 40       | 0    | 6404648.URPN.   | USPAT | 2002/10/23 09:06 |
| 41       | 7    | ("5963429"   "6077724"   "6100594"   "6184463"   "6258626"   "6294838"   "6294839").PN.   | USPAT | 2002/10/23 09:06 |
| 42       | 18   | ("5088190"   "5528222"   "5541525"   "5566441"   "5600175"   "5607818"   "5633122"   "5634267"   "5656551"   "5682143"   "5733800"   "5767564"   "5784260"   "5811879"   "5818698"   "5875100"   "5898217"   "5963429").PN.   | USPAT | 2002/10/23 09:07 |
| 43       | 23   | ("3745505"   "3777221"   "4577214"   "4862323"   "5019673"   "5081563"   "5134246"   "5196089"   "5258575"   "5371404"   "5438224"   "5461197"   "5488542"   "5545924"   "5589781"   "5635761"   "5663593"   "5811879"   "5815372"   "5854534"   "5925934"   "5940687"   "6087732").PN.             | USPAT | 2002/10/23 09:08 |
| 44       | 13   | 5159750.URPN.   | USPAT | 2002/10/23 09:12 |
| 45       | 7    | ("4362902"   "4711700"   "4717066"   "4857483"   "5014111"   "5159750"   "5160409").PN.   | USPAT | 2002/10/23 09:13 |
| 46       | 24   | ("3676748"   "3890636"   "3892583"   "4079511"   "4115837"   "4132856"   "4286456"   "4320438"   "4340902"   "4396971"   "4475007"   "4513355"   "4551746"   "4630172"   "4654694"   "4677526"   "4705917"   "4801765"   "4839717"   "4866504"   "4872260"   "4879588"   "4890155"   "4891687").PN. | USPAT | 2002/10/23 09:13 |
| 47       | 22   | 4879588.URPN.   | USPAT | 2002/10/23 09:14 |
| 48       | 4    | 5611876.URPN.   | USPAT | 2002/10/23 09:14 |
| 49       | 11   | ("3760090"   "4608592"   "4705917"   "4710250"   "4764846"   "4837408"   "4879588"   "4972253"   "5218230"   "5225709"   "5461196").PN.   | USPAT | 2002/10/23 09:15 |
| 50       | 6    | 5461196.URPN.   | USPAT | 2002/10/23 09:16 |
| 51       | 11   | ("3872583"   "4289922"   "4296456"   "4320438"   "4336088"   "4338621"   "4340902"   "4387388"   "4437141"   "4441119"   "4458291").PN.   | USPAT | 2002/10/23 09:21 |
| 54       | 19   | 5497031.URPN.   | USPAT | 2002/10/23 09:24 |
| 57       | 14   | 5357056.URPN.   | USPAT | 2002/10/23 09:25 |
| 58       | 4    | 5952714.URPN.   | USPAT | 2002/10/23 09:25 |

|     |     |   |   |                     |
|-----|-----|---|---|---------------------|
| 59  | 3   | ("5327325"   "5357056"   "5753857").PN.   | USPAT                                       | 2002/10/23<br>09:25 |
| 64  | 17  | 4187868.URPN.   | USPAT                                       | 2002/10/23<br>09:27 |
| 65  | 6   | ("2874316"   "3050422"   "3499792"  <br>"3527607"   "3871395"   "3998653").PN.  | USPAT                                       | 2002/10/23<br>09:27 |
| 110 | 24  | "5814883"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/23<br>09:37 |
| 111 | 76  | "5583378"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/23<br>09:37 |
| 112 | 29  | "5796170"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/23<br>09:37 |
| 113 | 20  | "5491362"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/23<br>09:38 |
| 114 | 22  | "5444296"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/23<br>09:38 |
| 115 | 155 | "5814883" "5583378" "5796170" "5491362"<br>"5444296"  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/23<br>09:38 |
| 116 | 38  | (US-6407381-\$ or US-6384473-\$ or<br>US-6271056-\$ or US-5952714-\$ or<br>US-5753857-\$ or US-5107328-\$ or<br>US-6451624-\$ or US-5689091-\$ or<br>US-5633530-\$ or US-6440770-\$ or<br>US-6043559-\$ or US-6324067-\$ or<br>US-5043794-\$ or US-5600541-\$ or<br>US-5497031-\$ or US-5357056-\$ or<br>US-4187868-\$ or US-5327325-\$ or<br>US-6420782-\$ or US-5012386-\$ or<br>US-4630172-\$ or US-5672909-\$ or<br>US-5173767-\$ or US-6117193-\$ or<br>US-6396116-\$ or US-6342670-\$).did. or<br>(US-6214644-\$ or US-5963429-\$ or<br>US-6445591-\$ or US-6404648-\$ or<br>US-6294839-\$ or US-6184463-\$ or<br>US-6380631-\$ or US-4879588-\$ or<br>US-5461196-\$ or US-5611876-\$ or<br>US-4513355-\$).did. or<br>(US-20020006687-\$).did.  | USPAT;<br>US-PGPUB                          | 2002/10/23<br>09:38 |
| 117 | 151 | ("5814883" "5583378" "5796170" "5491362"<br>"5444296") not ((US-6407381-\$ or<br>US-6384473-\$ or US-6271056-\$ or<br>US-5952714-\$ or US-5753857-\$ or<br>US-5107328-\$ or US-6451624-\$ or<br>US-5689091-\$ or US-5633530-\$ or<br>US-6440770-\$ or US-6043559-\$ or<br>US-6324067-\$ or US-5043794-\$ or<br>US-5600541-\$ or US-5497031-\$ or<br>US-5357056-\$ or US-4187868-\$ or<br>US-5327325-\$ or US-6420782-\$ or<br>US-5012386-\$ or US-4630172-\$ or<br>US-5672909-\$ or US-5173767-\$ or<br>US-6117193-\$ or US-6396116-\$ or<br>US-6342670-\$).did. or (US-6214644-\$ or<br>US-5963429-\$ or US-6445591-\$ or<br>US-6404648-\$ or US-6294839-\$ or<br>US-6184463-\$ or US-6380631-\$ or<br>US-4879588-\$ or US-5461196-\$ or<br>US-5611876-\$ or US-4513355-\$).did. or<br>(US-20020006687-\$).did.) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/23<br>09:38 |

|     |       |  |   |                     |
|-----|-------|--|---|---------------------|
| 118 | 17    | ("5444296"   "5652463"   "5674785"  <br>"5808878"   "5952611"   "5956233"  <br>"5973403"   "5994166"   "6013948"  <br>"6020629"   "6091138"   "6181002"  <br>"6181008"   "6219254"   "6262488"  <br>"6265771"   "6316727"  <br>"2001/0015485").PN.   | USPAT                                       | 2002/10/23<br>09:39 |
| 119 | 20    | 5444296.URPN.  | USPAT                                       | 2002/10/23<br>09:40 |
| 120 | 2     | ("5172303"   "5239448").PN.  | USPAT                                       | 2002/10/23<br>09:40 |
| 121 | 11    | ("4675789"   "5557502"   "5583378"  <br>"5625166"   "5640048"   "5796170"  <br>"5814883"   "5831810"   "5847936"  <br>"5923540"   "6153829").PN.   | USPAT                                       | 2002/10/23<br>09:44 |
| 122 | 8     | 5923540.URPN.  | USPAT                                       | 2002/10/23<br>09:45 |
| 123 | 4     | 5831810.URPN.  | USPAT                                       | 2002/10/23<br>09:46 |
| 124 | 5     | ("5081563"   "5103283"   "5210683"  <br>"5272590"   "5403784").PN.   | USPAT                                       | 2002/10/23<br>09:47 |
| 125 | 26    | 5796170.URPN.  | USPAT                                       | 2002/10/23<br>09:50 |
| 126 | 2     | ("4954877"   "5371404").PN.  | USPAT                                       | 2002/10/23<br>09:50 |
| 127 | 29    | ("3926746"   "4681656"   "4792646"  <br>"4802277"   "4849856"   "4910584"  <br>"4970579"   "4999740"   "5027191"  <br>"5045921"   "5057969"   "5115964"  <br>"5133495"   "5136366"   "5153385"  <br>"5159535"   "5170931"   "5191511"  <br>"5203075"   "5241133"   "5261155"  <br>"5280193"   "5291062"   "5294750"  <br>"5332864"   "5345106"   "5357672"  <br>"5381039"   "5420460").PN. | USPAT                                       | 2002/10/23<br>09:51 |
| 128 | 6     | ("5222014"   "5237204"   "5444296"  <br>"5543663"   "5567983"   "5633783").PN.   | USPAT                                       | 2002/10/23<br>09:59 |
| 129 | 19944 | ((optical near1 (device package)) and<br>(window transparent))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/23<br>10:06 |
| 130 | 683   | ((optical near1 (device package)) and<br>(window transparent)) and (second adj<br>(chip die device semiconductor))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/23<br>10:10 |
| 131 | 20486 | ((optical near1 (device package)) (ccd<br>adj chip)) and (window (glass adj cover)<br>transparent))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/23<br>10:09 |
| 132 | 699   | ((optical near1 (device package)) (ccd<br>adj chip)) and (window (glass adj cover)<br>transparent)) and (second adj (chip die<br>device semiconductor))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/23<br>10:20 |
| 133 | 359   | ((optical near1 (device package)) (ccd<br>adj chip)) and (window (glass adj cover)<br>transparent)) and (second adj (chip die<br>device semiconductor))) and glass   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/23<br>10:13 |
| 134 | 215   | ((optical near1 (device package)) (ccd<br>adj chip)) and (window (glass adj cover)<br>transparent)) and (second adj (chip die<br>device semiconductor))) and glass) and<br>(wiring wire bump ball flipchip (flip adj<br>chip))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/23<br>10:21 |
| 135 | 148   | ((optical near1 (device package))<br>(ccd adj chip)) and (window (glass adj<br>cover) transparent)) and (second adj<br>(chip die device semiconductor))) and<br>glass) and (wiring wire bump ball<br>flipchip (flip adj chip))) and (cavity<br>aperture opening)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/23<br>10:20 |

|     |     |  |   |                     |
|-----|-----|--|---|---------------------|
| 136 | 147 | ((((((optical near1 (device package)) (ccd adj chip)) and (window (glass adj cover) transparent)) and (second adj (chip die device semiconductor))) and glass) and (wiring wire bump ball flipchip (flip adj chip))) and (cavity apperture opening)) not ((US-6407381-\$ or US-6384473-\$ or US-6271056-\$ or US-5952714-\$ or US-5753857-\$ or US-5107328-\$ or US-6451624-\$ or US-5689091-\$ or US-5633530-\$ or US-6440770-\$ or US-6043559-\$ or US-6324067-\$ or US-5043794-\$ or US-5600541-\$ or US-5497031-\$ or US-5357056-\$ or US-4187868-\$ or US-5327325-\$ or US-6420782-\$ or US-5012386-\$ or US-4630172-\$ or US-5672909-\$ or US-5173767-\$ or US-6117193-\$ or US-6396116-\$ or US-6342670-\$).did. or (US-6214644-\$ or US-5963429-\$ or US-6445591-\$ or US-6404648-\$ or US-6294839-\$ or US-6184463-\$ or US-6380631-\$ or US-4879588-\$ or US-5461196-\$ or US-5611876-\$ or US-4513355-\$).did. or (US-20020006687-\$).did.) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/23<br>10:15 |
| 137 | 551 | (((optical near1 (device package)) (ccd adj chip)) and (window (glass adj cover) transparent)) and (second adj (chip die device semiconductor))) not (((((optical near1 (device package)) (ccd adj chip)) and (window (glass adj cover) transparent)) and (second adj (chip die device semiconductor))) and glass) and (wiring wire bump ball flipchip (flip adj chip))) and (cavity apperture opening))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/23<br>10:20 |
| 138 | 131 | ((((optical near1 (device package)) (ccd adj chip)) and (window (glass adj cover) transparent)) and (second adj (chip die device semiconductor))) not (((((optical near1 (device package)) (ccd adj chip)) and (window (glass adj cover) transparent)) and (second adj (chip die device semiconductor))) and glass) and (wiring wire bump ball flipchip (flip adj chip))) and (cavity apperture opening)) and (cavity apperture)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/23<br>10:20 |
| 139 | 238 | ((((optical near1 (device package)) (ccd adj chip)) and (window (glass adj cover) transparent)) and (second adj (chip die device semiconductor))) not (((((optical near1 (device package)) (ccd adj chip)) and (window (glass adj cover) transparent)) and (second adj (chip die device semiconductor))) and glass) and (wiring wire bump ball flipchip (flip adj chip))) and (cavity apperture opening)) and (cavity aperture)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/23<br>10:20 |
| 140 | 161 | ((((optical near1 (device package)) (ccd adj chip)) and (window (glass adj cover) transparent)) and (second adj (chip die device semiconductor))) and glass) and (wiring wire bump ball flipchip (flip adj chip))) and (cavity aperture opening)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/23<br>10:21 |

|     |     |  |   |                     |
|-----|-----|--|---|---------------------|
| 141 | 13  | (((((optical near1 (device package)) (ccd adj chip)) and (window (glass adj cover) transparent)) and (second adj (chip die device semiconductor))) and glass) and (wiring wire bump ball flipchip (flip adj chip))) and (cavity aperture opening)) not ((((((optical near1 (device package)) (ccd adj chip)) and (window (glass adj cover) transparent)) and (second adj (chip die device semiconductor))) and glass) and (wiring wire bump ball flipchip (flip adj chip))) and (cavity aperture opening))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/23<br>10:21 |
| 142 | 161 | (((((optical near1 (device package)) (ccd adj chip)) and (window (glass adj cover) transparent)) and (second adj (chip die device semiconductor))) and glass) and (wiring wire bump ball flipchip (flip adj chip))) and (cavity aperture opening)) ((((((optical near1 (device package)) (ccd adj chip)) and (window (glass adj cover) transparent)) and (second adj (chip die device semiconductor))) and glass) and (wiring wire bump ball flipchip (flip adj chip))) and (cavity aperture opening)) ((((((optical near1 (device package)) (ccd adj chip)) and (window (glass adj cover) transparent)) and (second adj (chip die device semiconductor))) and glass) and (wiring wire bump ball flipchip (flip adj chip))) and (cavity aperture opening)) not ((((((optical near1 (device package)) (ccd adj chip)) and (window (glass adj cover) transparent)) and (second adj (chip die device semiconductor))) and glass) and (wiring wire bump ball flipchip (flip adj chip))) and (cavity aperture opening)) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/23<br>10:21 |
| 143 | 68  | (((((optical near1 (device package)) (ccd adj chip)) and (window (glass adj cover) transparent)) and (second adj (chip die device semiconductor))) and glass) and (wiring wire bump ball flipchip (flip adj chip))) and (cavity aperture opening)) and (bump ball flipchip (flip adj chip))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/23<br>10:22 |

|     |   |   |  |                     |
|-----|---|---|--|---------------------|
| 144 | 7 | (((((((optical near1 (device package))<br>(ccd adj chip)) and (window (glass adj<br>cover) transparent)) and (second adj<br>(chip die device semiconductor))) and<br>glass) and (wiring wire bump ball<br>flipchip (flip adj chip))) and (cavity<br>aperture opening)) and (bump ball<br>flipchip (flip adj chip))) not<br>(((((((optical near1 (device package))<br>(ccd adj chip)) and (window (glass adj<br>cover) transparent)) and (second adj<br>(chip die device semiconductor))) and<br>glass) and (wiring wire bump ball<br>flipchip (flip adj chip))) and (cavity<br>aperture opening)) not ((US-6407381-\$ or<br>US-6384473-\$ or US-6271056-\$ or<br>US-5952714-\$ or US-5753857-\$ or<br>US-5107328-\$ or US-6451624-\$ or<br>US-5689091-\$ or US-5633530-\$ or<br>US-6440770-\$ or US-6043559-\$ or<br>US-6324067-\$ or US-5043794-\$ or<br>US-5600541-\$ or US-5497031-\$ or<br>US-5357056-\$ or US-4187868-\$ or<br>US-5327325-\$ or US-6420782-\$ or<br>US-5012386-\$ or US-4630172-\$ or<br>US-5672909-\$ or US-5173767-\$ or<br>US-6117193-\$ or US-6396116-\$ or<br>US-6342670-\$).did. or (US-6214644-\$ or<br>US-5963429-\$ or US-6445591-\$ or<br>US-6404648-\$ or US-6294839-\$ or<br>US-6184463-\$ or US-6380631-\$ or<br>US-4879588-\$ or US-5461196-\$ or<br>US-5611876-\$ or US-4513355-\$).did. or<br>(US-20020006687-\$).did.)) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT. | 2002/10/23<br>10:22 |
|-----|---|---|--|---------------------|

| Type   | Hits | Search Text   | DBs                                   | Time Stamp          | Comments | Error Definition | Errors |
|--------|------|---|---------------------------------------|---------------------|----------|------------------|--------|
| 7 BRS  | 0    | 20020006687.URPN.   | USPAT                                 | 2002/09/18<br>12:26 |          |                  | 0      |
| 8 BRS  | 14   | "5753857"   | USPAT; US-PGPUB;<br>EPO; JPO; DERWENT | 2002/09/28<br>11:08 |          |                  | 0      |
| 9 BRS  | 3    | 6271056.URPN.   | USPAT                                 | 2002/09/28<br>09:51 |          |                  | 0      |
| 10 BRS | 33   | ("4505799"   "4996587"  <br>"5063177"   "5107328"  <br>"5138434"   "5155067"  <br>"5229647"   "5266912"  <br>"5334857"   "5384689"  <br>"5440240"   "5444296"  <br>"5468999"   "5474957"  <br>"5562971"   "5633530"  <br>"5646828"   "5674785"  <br>"5677566"   "5689091"  <br>"5696033"   "5723900"  <br>"5739585"   "5753857"  <br>"5763939"   "5789803"  <br>"5796038"   "5811579"  <br>"5981314"   "6013948"  <br>"6020629"   "6072323"  <br>"6107109").PN. | USPAT                                 | 2002/09/28<br>09:52 |          |                  | 0      |
| 11 BRS | 9    | 5723900.URPN.   | USPAT                                 | 2002/09/28<br>09:55 |          |                  | 0      |
| 12 BRS | 2    | ("5157475"   "5519251").PN.   | USPAT                                 | 2002/09/28<br>09:56 |          |                  | 0      |
| 13 BRS | 12   | 5157475.URPN.   | USPAT                                 | 2002/09/28<br>09:57 |          |                  | 0      |
| 14 BRS | 26   | ("5157475"   "5157480"  <br>"5367196"   "5454905"  <br>"5494207"   "5508556"  <br>"5521429"   "5596231"  <br>"5623123"   "5656550"  <br>"5741729"   "5844315"  <br>"5854511"   "5866948"  <br>"5981314"   "5990545"  <br>"6013946"   "6060774"  <br>"6060778"   "6093960"  <br>"6130473"   "6133070"  <br>"6177288"   "6188130"  <br>"6201292"   "6215179").PN.   | USPAT                                 | 2002/09/28<br>09:58 |          |                  | 0      |
| 15 BRS | 23   | 5689091.URPN.   | USPAT                                 | 2002/09/28<br>10:01 |          |                  | 0      |
| 16 BRS | 35   | 5646828.URPN.   | USPAT                                 | 2002/09/28<br>10:05 |          |                  | 0      |

|    | Type | Hits | Search Text   | Dbs   | Time Stamp          | Comments | Error Definition | Errors |
|----|------|------|---|-------|---------------------|----------|------------------|--------|
| 17 | BRS  | 8    | 5633530.URPN.   | USPAT | 2002/09/28<br>10:07 |          |                  | 0      |
| 18 | BRS  | 3    | ("5043794"   "5376825"  <br>"5498902").PN.  | USPAT | 2002/09/28<br>10:07 |          |                  | 0      |
| 19 | BRS  | 24   | 5043794.URPN.   | USPAT | 2002/09/28<br>10:07 |          |                  | 0      |
| 20 | BRS  | 23   | 5600541.URPN.   | USPAT | 2002/09/28<br>10:09 |          |                  | 0      |
| 21 | BRS  | 21   | ("4187868"   "4208577"  <br>"4742182"   "4760440"  <br>"4899118"   "5087964"  <br>"5107328"   "5321204"  <br>"5352852"   "5357056"  <br>"5384689"   "5600541"  <br>"5729038"   "5773323"  <br>"5863810"   "5949655"  <br>"5951813"   "6020629"  <br>"6025213"   "6025767"  <br>"6198792").PN. | USPAT | 2002/09/28<br>10:09 |          | 0                |        |
| 22 | BRS  | 14   | 5357056.URPN.   | USPAT | 2002/09/28<br>10:10 |          |                  | 0      |
| 23 | BRS  | 4    | 5952714.URPN.   | USPAT | 2002/09/28<br>10:11 |          |                  | 0      |
| 24 | BRS  | 3    | ("5327325"   "5357056"  <br>"5753857").PN.  | USPAT | 2002/09/28<br>10:11 |          |                  | 0      |
| 25 | BRS  | 3    | ("5327325"   "5357056"  <br>"5753857").PN.  | USPAT | 2002/09/28<br>10:12 |          |                  | 0      |
| 26 | BRS  | 1    | "4961105".PN.   | USPAT | 2002/09/28<br>10:13 |          |                  | 0      |
| 27 | BRS  | 49   | 5107328.URPN.   | USPAT | 2002/09/28<br>10:13 |          |                  | 0      |
| 28 | BRS  | 10   | ("4067040"   "4340902"  <br>"4724472"   "4751482"  <br>"4843188"   "4862245"  <br>"4887149"   "4910584"  <br>"4926242"   "5032897").PN.   | USPAT | 2002/09/28<br>10:16 |          |                  | 0      |
| 29 | BRS  | 12   | ("4630172"   "4705917"  <br>"4899118"   "5012386"  <br>"5043794"   "5121293"  <br>"5128831"   "5164699"  <br>"5239448"   "5247423"  <br>"5319521"   "5412538").PN.  | USPAT | 2002/09/28<br>10:19 |          |                  | 0      |
| 30 | BRS  | 102  | 4630172.URPN.   | USPAT | 2002/09/28<br>10:21 |          |                  | 0      |



| Type   | Hits  | Search Text   | Dbs                                   | Time Stamp          | Comments | Error Definition | Errors |
|--------|-------|---|---------------------------------------|---------------------|----------|------------------|--------|
|        |       | ("2942165"   "3365620"  <br>"3436604"   "3436819"  <br>"3777221"   "3846824"  <br>"3958195"   "4338621").PN.  | USPAT                                 | 2002/09/28<br>10:24 |          |                  | 0      |
| 31 BRS | 8     |   |                                       |                     |          |                  |        |
| 32 BRS | 18    | 5497031.URPN.   | USPAT                                 | 2002/09/28<br>10:25 |          |                  | 0      |
| 33 BRS | 10    | 5672909.URPN.   | USPAT                                 | 2002/09/28<br>10:26 |          |                  | 0      |
|        |       | ("4438560"   "4630172"  <br>"4638348"   "4839717"  <br>"4979663"   "5046953"  <br>"5173767"   "5177863"  <br>"5216806"   "5222014"  <br>"5253415"   "5311057"  <br>"5378859"   "5381039"  <br>"5383269"   "5406701"  <br>"5412247"   "5454160"  <br>"5455385"   "5461774"  <br>"5473814"   "5477611"  <br>"5477933"   "5481436"  <br>"5490040"   "5490324"  <br>"5495398"   "5541367"  <br>"5576519"   "5615477"  <br>"5616520"   "5625944"  <br>"5641946"   "5647122"  <br>"5654243"   "5672909"  <br>"5706178"   "5714800").PN. |                                       |                     |          |                  |        |
| 34 BRS | 38    |   | USPAT                                 | 2002/09/28<br>10:27 |          |                  | 0      |
|        |       |   |                                       |                     |          |                  |        |
| 35 BRS | 74635 | (optical nearl (device package))  | USPAT; US-PGPUB;<br>EPO; JPO; DERWENT | 2002/09/28<br>11:10 |          |                  | 0      |
| 36 BRS | 7557  | ((optical nearl (device package))) and window   | USPAT; US-PGPUB;<br>EPO; JPO; DERWENT | 2002/09/28<br>11:10 |          |                  | 0      |
| 37 BRS | 840   | ((optical nearl (device package))) and window and<br>((opening recess aperture<br>(through adj hole)) with<br>(substrate plate carrier))  | USPAT; US-PGPUB;<br>EPO; JPO; DERWENT | 2002/09/28<br>11:31 |          |                  | 0      |
| 38 BRS | 105   | ((optical nearl (device package))) and window and<br>((opening recess aperture<br>(through adj hole)) with<br>(substrate plate carrier)) and<br>(second nearl (device chip die))  | USPAT; US-PGPUB;<br>EPO; JPO; DERWENT | 2002/09/28<br>11:20 |          |                  | 0      |

| Type   | Hits | Search Text   | Dbs                                | Time Stamp       | Comments | Error Definition | Errors |
|--------|------|---|------------------------------------|------------------|----------|------------------|--------|
| 39 BRS | 67   | (((((optical nearl (device package))) and window) and ((opening recess aperture (through adj hole)) with (substrate plate carrier))) and (second nearl (device chip die))) and (ceramic glass))   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/09/28 11:15 |          |                  | 0      |
| 40 BRS | 63   | (((((optical nearl (device package))) and window) and ((opening recess aperture (through adj hole)) with (substrate plate carrier))) and (second nearl (device chip die))) and (ceramic glass)) and (mounting mounted attached attaching) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/09/28 11:16 |          |                  | 0      |
| 41 BRS | 21   | (((((optical nearl (device package))) and window) and ((opening recess aperture (through adj hole)) with (substrate plate carrier))) and (second adj (device chip die)))  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/09/28 11:20 |          |                  | 0      |
| 42 BRS | 1144 | (((((optical nearl (device package))) and window) and ((opening recess aperture (through adj hole)) with (substrate plate carrier)))  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/09/28 11:28 |          |                  | 0      |
| 43 BRS | 1798 | (((((optical nearl (device package))) and window) and ((opening recess aperture window (through adj hole)) with (substrate plate carrier)))   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/09/28 12:39 |          |                  | 0      |
| 44 BRS | 75   | (((((optical nearl (device package))) and window) and ((opening recess aperture window (through adj hole)) with (substrate plate carrier))) and ((lid cover cap) near3 (glass ceramic)))  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/09/28 12:40 |          |                  | 0      |

| Type   | Hits | Search Text  | Dbs                                | Time Stamp       | Comments | Error Definition | Errors |
|--------|------|--|------------------------------------|------------------|----------|------------------|--------|
| 45 BRS | 68   | (((((optical nearl (device package))) and window) and ((opening recess aperture window (through adj hole)) with (substrate plate carrier))) and ((lid cover cap) near3 (glass ceramic))) not ((((((optical nearl (device package))) and window) and ((opening recess aperture (through adj hole)) with (substrate plate carrier))) and (second nearl (device chip die))) and (ceramic glass)) and (mounting mounted attached attaching))   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/09/28 11:45 |          |                  | 0      |
| 46 BRS | 68   | (((((optical nearl (device package))) and window) and ((opening recess aperture window (through adj hole)) with (substrate plate carrier))) and ((lid cover cap) near3 (glass ceramic))) not ((((((optical nearl (device package))) and window) and ((opening recess aperture (through adj hole)) with (substrate plate carrier))) and (second nearl (device chip die))) and (ceramic glass)) and (mounting mounted attached attaching)) not ((((((optical nearl (device package))) and window) and ((opening recess aperture (through adj hole)) with (substrate plate carrier))) and (second nearl (device chip die))) and (ceramic glass)) and (mounting mounted attached attaching)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/09/28 11:45 |          |                  | 0      |
| 47 BRS | 8    | ("4318135"   "4457017"   "4591901"   "4594613"   "4803557"   "5267043"   "5559556"   "5828409").PN.  | USPAT                              | 2002/09/28 11:48 |          |                  | 0      |
| 48 BRS | 1    | 6117193.URPN.  | USPAT                              | 2002/09/28 11:49 |          |                  | 0      |
| 49 BRS | 20   | "5491362"  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/09/28 12:18 |          |                  | 0      |
| 50 BRS | 5    | 5686698.URPN.  | USPAT                              | 2002/09/28 12:20 |          |                  | 0      |

|    | Type | Hits | Search Text  | DBs                                | Time Stamp          | Comments | Error Definition | Errors |
|----|------|------|--|------------------------------------|---------------------|----------|------------------|--------|
| 51 | BRS  | 5    | ("3521128"   "4809053"   "4876588"   "4976588"   "4996587").PN.  | USPAT                              | 2002/09/28<br>12:22 |          |                  | 0      |
| 52 | BRS  | 7557 | ((optical nearl (device package)) and window) and (opening recess aperture window (through adj hole))  | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/09/28<br>12:40 |          |                  | 0      |
| 53 | BRS  | 7557 | ((optical nearl (device package)) and window) and (opening recess aperture window)   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/09/28<br>12:40 |          |                  | 0      |
| 54 | BRS  | 429  | ((optical nearl (device package)) and window) and (opening recess aperture window) and (lid cover cap) near3 (glass light)   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/09/28<br>12:42 |          |                  | 0      |
| 55 | BRS  | 226  | ((optical nearl (device package)) and window) and (opening recess aperture window) and (lid cover cap) near3 (glass light)) and (lead (conductive adj (trace pattern)) wiring)   | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/09/28<br>12:45 |          |                  | 0      |
| 56 | BRS  | 184  | ((optical nearl (device package)) and window) and (opening recess aperture window) and (lid cover cap) near3 (glass light)) and (lead (conductive adj (trace pattern)) wiring) not (((optical nearl (device package)) and window) and (opening recess aperture window (through adj hole)) with (substrate plate carrier)) and (lid cover cap) near3 (glass ceramic)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2002/09/28<br>12:46 |          |                  | 0      |

| Type    | Hits | Search Text   | DBs  | Time Stamp | Comments | Error Definition | Errors |
|---------|------|---|--|------------|----------|------------------|--------|
| 57 BRS  | 179  | (((((optical nearl (device package))) and window) and (opening recess aperture window)) and ((lid cover cap) near3 (glass light))) and (lead (conductive adj (trace pattern) wiring)) not (((optical nearl (device package))) and window) and ((opening recess aperture window (through adj hole)) with (substrate plate carrier))) and ((lid cover cap) near3 (glass ceramic))) not (((optical nearl (device package))) and window) and ((opening recess aperture (through adj hole)) with (substrate plate carrier))) and (second nearl (device chip die)))   | USPAT; US-PGPUB; 2002/09/28<br>EPO; JPO; DERWENT 12:47 |            |          |                  | 0      |
| 58 BRS  | 90   | (((((optical nearl (device package))) and window) and (opening recess aperture window) and ((lid cover cap) near3 (glass light))) and (lead (conductive adj (trace pattern) wiring)) not (((optical nearl (device package))) and window) and ((opening recess aperture window (through adj hole)) with (substrate plate carrier))) and ((lid cover cap) near3 (glass ceramic))) not (((optical nearl (device package))) and window) and ((opening recess aperture (through adj hole)) with (substrate plate carrier))) and (second nearl (device chip die))) and (bump ball flipchip electrode (flip adj chip)) | USPAT; US-PGPUB; 2002/09/28<br>EPO; JPO; DERWENT 12:48 |            |          |                  | 0      |
| 59 IS&R | 3130 | (257/431,432,433,434).CCLS.   | USPAT; US-PGPUB; 2002/09/28<br>EPO; JPO; DERWENT 12:57 |            |          |                  | 0      |
| 60 IS&R | 2457 | (257/723,724).CCLS.   | USPAT; US-PGPUB; 2002/09/28<br>EPO; JPO; DERWENT 12:57 |            |          |                  | 0      |
| 61 BRS  | 3    | ((optical nearl (device package))) and ((257/431,432,433,434).CCLS.) and ((257/723,724).CCLS.)  | USPAT; US-PGPUB; 2002/09/28<br>EPO; JPO; DERWENT 12:58 |            |          |                  | 0      |

|    | Type | Hits | Search Text  | Dbs                                   | Time Stamp          | Comments | Error Definition | Errors |
|----|------|------|--|---------------------------------------|---------------------|----------|------------------|--------|
| 62 | IS&R | 740  | ((438/48,54,64,69).CCLS.   | USPAT; US-PGPUB;<br>EPO; JPO; DERWENT | 2002/09/28<br>12:59 |          |                  | 0      |
| 63 | IS&R | 1849 | ((438/48,54,64,69,107,109,110).CC<br>LS.   | USPAT; US-PGPUB;<br>EPO; JPO; DERWENT | 2002/09/28<br>13:00 |          |                  | 0      |
| 64 | BRS  | 4911 | ((257/431,432,433,434).CCLS.)<br>((438/48,54,64,69,107,109,110).C<br>CLS.)   | USPAT; US-PGPUB;<br>EPO; JPO; DERWENT | 2002/09/28<br>13:00 |          |                  | 0      |
| 65 | BRS  | 95   | ((257/723,724).CCLS.) and<br>((257/431,432,433,434).CCLS.)<br>((438/48,54,64,69,107,109,110).C<br>CLS.)              | USPAT; US-PGPUB;<br>EPO; JPO; DERWENT | 2002/09/28<br>13:01 |          |                  | 0      |
| 66 | IS&R | 1116 | ((438/107,109,110).CCLS.   | USPAT; US-PGPUB;<br>EPO; JPO; DERWENT | 2002/09/28<br>13:01 |          |                  | 0      |
| 67 | BRS  | 3495 | ((257/723,724).CCLS.)<br>((438/107,109,110).CCLS.)   | USPAT; US-PGPUB;<br>EPO; JPO; DERWENT | 2002/09/28<br>13:01 |          |                  | 0      |
| 68 | BRS  | 3    | ((257/723,724).CCLS.) and<br>((438/48,54,64,69).CCLS.)   | USPAT; US-PGPUB;<br>EPO; JPO; DERWENT | 2002/09/28<br>13:01 |          |                  | 0      |
| 69 | BRS  | 3802 | ((257/431,432,433,434).CCLS.)<br>((438/48,54,64,69).CCLS.)   | USPAT; US-PGPUB;<br>EPO; JPO; DERWENT | 2002/09/28<br>13:02 |          |                  | 0      |
| 70 | BRS  | 24   | ((257/723,724).CCLS.)<br>((438/107,109,110).CCLS.) and<br>((257/431,432,433,434).CCLS.)<br>((438/48,54,64,69).CCLS.) | USPAT; US-PGPUB;<br>EPO; JPO; DERWENT | 2002/09/28<br>13:02 |          |                  | 0      |
| 71 | BRS  | 4    | 5952714.URPN.  | USPAT                                 | 2002/09/30<br>08:45 |          |                  | 0      |
| 72 | BRS  | 3    | ("5327325"   "5357056"  <br>"5753857").PN.   | USPAT                                 | 2002/09/30<br>08:45 |          |                  | 0      |
| 73 | BRS  | 23   | 5600541.URPN.  | USPAT                                 | 2002/09/30<br>08:47 |          |                  | 0      |